

RECEIVED

MAY 19 1991

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGYAPPLICATION FOR PERMIT
TO CONSTRUCT A RESERVOIR AND TO STORE FOR BENEFICIAL USE
WATERS OF THE STATE OF WASHINGTON\$10.00 MINIMUM STATUTORY FILING FEE REQUIRED WITH APPLICATION
(GRAY BOXES FOR OFFICE USE ONLY)I have ~~edited~~ this application
as required by SEPA and find that
it is: ☐ not an "action".6/7/91 *Sheela Baker*
DATE SIGNATURE

APPLICATION NUMBER <i>21-26218</i>	W.R.I.A. <i>7</i>	COUNTY <i>King</i>	PRIORITY DATE <i>5-9-91</i>	TIME	ACCEPTED <i>AB</i>
APPLICANT'S NAME <i>Puget Sound Power & Light Company, Attn: Virginia Pistorese</i>			TELEPHONE NUMBER <i>462-3058</i>		
DATE AND PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION <i>September 12, 1960, State of Washington</i>					
ADDRESS (STREET) <i>10608 NE Fourth Street</i>		(CITY) <i>Bellevue</i>	(STATE) <i>WA</i>	(ZIP CODE) <i>98009</i>	

1. SOURCE, USE, AND CAPACITY OF RESERVOIR

NAME OF PROPOSED RESERVOIR <i>WWS</i>	
NAME OF STREAM OR OTHER SOURCE FOR RESERVOIR SUPPLY <i>Snoqualmie River</i>	TRIBUTARY OF <i>Snohomish</i>
USE(S) TO BE MADE OF IMPOUNDED WATER (IRRIGATION, POWER, FISH PROPOGATION, ETC.) <i>Power Generation - contingency</i>	
NUMBER OF ACRE FEET TO BE STORED AT MAXIMUM OPERATING LEVEL <i>876</i>	
MONTHS OF YEAR DURING WHICH RESERVOIR IS TO BE FILLED <i>Reservoir will be at full pool throughout the year.</i>	

NUMBER OF ACRES TO BE IRRIGATED, IF USED FOR IRRIGATION

N/A

TYPE AND CAPACITY OF DIVERSION WORKS IF WATER IS TO BE WITHDRAWN

See Attachment 1

2. LOCATION OF POINT OF DIVERSION OR WITHDRAWAL

ON ACCOMPANYING PLATS OR MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION. GIVE MEASURED DISTANCE AND BEARING, OR NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER.

COMPLETE EITHER A OR B	A	THE RESERVOIR IS TO BE LOCATED IN THE CHANNEL OF (NAME OF STREAM) <i>Snoqualmie River</i>			
	B	THE RESERVOIR IS TO BE FILLED THROUGH A FEEDER CANAL (OR PIPELINE) HAVING ITS POINT OF DIVERSION (INTAKE) LOCATED AS FOLLOWS			
DISTANCE AND BEARING TO SECTION CORNER <i>From NE Corner of NW 1/4 of Section 30: Plant 1 Intake = 870' South and 700' West Plant 2 Intake = 780' South and 490' West</i>					
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) <i>Lots 2 and 9 in NE 1/4 of NW 1/4</i>		SECTION <i>30</i>	TOWNSHIP N. <i>24</i>	RANGE (E. OR W.) W.M. <i>8E</i>	COUNTY <i>King</i>

NE 1/4 NW 1/4

3. IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION

LOT <i>NA</i>	BLOCK <i>NA</i>	OF (GIVE NAME OF PLAT OR ADDITION) <i>NA</i>
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4. LOCATION OF IMPOUNDING STRUCTURE

IMPOUNDING STRUCTURE LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) <i>Between Lots 2 and 9 in NE 1/4 of NW 1/4</i>	SECTION <i>30</i>	TOWNSHIP N. <i>24</i>	RANGE (E. OR W.) W.M. <i>8E</i>
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LEGAL SUBDIVISION OF LANDS IN WHICH THE SUBMERGED AREA IS TO BE LOCATED
(THE OUTLINE OF THIS LAND IS TO BE SHOWN ON THE MAP TO ACCOMPANY THIS APPLICATION)

All being within Township 24 North, Range 8East, W.M. Northeast Quarter of Section 30;

Northeast Quarter of the Northwest Quarter of Section 30; Southeast Quarter of Section 30;

Northeast Quarter of the Southwest Quarter of Section 30; Southwest Quarter of the Southwest

Quarter of Section 29; South Half of the Southeast Quarter of Section 29; Northeast Quarter

of the Northeast Quarter of Section 31; North Half of Section 32; North Half of Section 33;

Southeast Quarter of Section 33; West Half of Section 34.

DO YOU OWN THIS PROPERTY <input checked="" type="checkbox"/> YES and <input checked="" type="checkbox"/> NO	IF NO, HAVE YOU SECURED FLOOD RIGHTS FOR LANDS TO BE INUNDATED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
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5. CONSTRUCTION OF IMPOUNDING STRUCTURE

HEIGHT OF DAM (FEET) <i>21' to lowest bedrock</i>	LENGTH ON TOP (FEET) <i>255 Feet</i>	LENGTH ON BOTTOM (FEET) <i>265 Feet</i>	WIDTH ON TOP (FEET) <i>16 Feet</i>
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SLOPE OF FRONT OR WATER SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL)	<u>Semi-circular</u>	SLOPE OF BACK SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL)	<u>Semi-circular</u>
HEIGHT OF DAM ABOVE WATER LINE AT MAXIMUM FLOOD FLOW (FEET)	<u>Dam submerged and rubber dam deflated</u>		
		TYPE OF CONSTRUCTION OF DAM AND MATERIAL OF WHICH IT IS TO BE BUILT	<u>Rubber bladder over concrete</u>

LOCATION AND DIMENSIONS OF SPILLWAYS (STATE WHETHER OVER, AROUND, OR THROUGH DAM)
South abutment, 75 feet long x 13 feet high to lowest bedrock x 16 feet wide into side channel
around main dam section.

NUMBER OF ACRES TO BE SUBMERGED BY RESERVOIR WHEN FULL	MAXIMUM DEPTH (FEET)	APPROXIMATE AVERAGE DEPTH (FEET)
<u>107 acres, all within existing channel</u>	<u>32' 100 yr flood</u>	<u>8 feet</u>
ESTIMATED COST OF PROPOSED WORK	CONSTRUCTION WILL BEGIN ON OR BEFORE (DATE)	
<u>\$70 million (1996 dollars)</u>	<u>January 1, 1995</u>	
CONSTRUCTION WILL BE COMPLETED ON OR BEFORE (DATE)		
<u>November 1, 1996</u>		

SIZE AND TYPE OF OUTLET STRUCTURE Plant 1 - 1 generating unit in rock cavity, 60 feet x 200 feet
Plant 2 - 3 generating units in powerhouse, 46 feet x 186 feet concrete

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED (IF DIFFERENT THAN ABOVE)

COPY LEGAL DESCRIPTION FROM DEED; OR ATTACH COPY OF DEED. TAX STATEMENT DESCRIPTIONS ARE NOT ACCEPTABLE. ALSO OUTLINE THIS PROPERTY ON THE MAPS OR PLATS SUBMITTED WITH THIS APPLICATION.

See Attachment 2,

DO YOU OWN THIS PROPERTY	IF NO, GIVE NAME AND ADDRESS OF OWNER
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

REMARKS

Puget Sound Power & Light Company

W. J. Finnegan

SIGNATURE OF APPLICANT

By W. J. Finnegan, Vice President Engineering

Dated: May 8, 1991

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

} ss.

This is to certify that I have examined the foregoing application together with the accompanying maps and data, and return the same for correction or completion as follows:

In order to retain its priority, this application must be returned to the Department of Ecology, with corrections, on or before , 19.....

Witness my hand this *day of* , 19.....

Department of Ecology